PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/612,099
Applicant	:	Lionel Herve et al.
Filed	:	July 2, 2003
Patent No.	:	7,133,494
Issue Date	:	November 7, 2006
Title	:	METHOD FOR RADIOLOGICAL EXAMINATION OF AN OBJECT
Conf. No.	:	3432
TC/A.U.	:	2882
Examiner	:	Allen C. Ho
Customer No.	:	000116
Docket No.	:	35837

CERTIFICATE OF CORRECTION TRANSMITTAL LETTER

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Commissioner for Patents
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Sir:

A Certificate of Correction under 35 U.S.C. 254 is hereby requested to correct Patent Office printing errors in the above-identified patent. Enclosed herewith is a proposed Certificate of Correction (Form No. PTO-1050) for consideration. Also enclosed is documentation in support of this request.

It is requested that the Certificate of Correction be completed and mailed at an early date to the undersigned attorney of record. The proposed corrections are obvious ones and do not in any way change the sense of the application.

We understand that a check is not required since the errors were on the part of the Patent and Trademark Office in printing the patent.

Respectfully submitted,
PEARNE & GORDON LLP

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Date: July 2, 2007

PTO/SB/44 (06-07)
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,133,494

APPLICATION NO.: 10/612,099

ISSUE DATE : November 7, 2006

INVENTOR(S) : Herve et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 3, starting at Line 55 and ending at Line 59, please delete the formula:

and insert therefor:

$$\Gamma_{ij} = \sum_{k=1}^{N-1} \frac{\partial \hat{M}_i}{\partial mes_k} \bullet \frac{\partial \hat{M}_j}{\partial mes_k} \bullet \frac{1}{N_k}$$

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Jeffrey J. Sopko
Pearne & Gordon LLP, 1801 East 9th St., Suite 1200, Cleveland, OH 44114-3108

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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~~(a1 + a2 + ... + a N 1 = 1)~~ (a1 + a2 + ... + aN-1 = 1).

Please replace the first equation on page 5 which is as follows:

$$\Gamma_y = \sum_{k=1}^{N-1} \frac{\partial M?_1}{\partial mes_k} \frac{\partial M?_f}{\partial mes_k} \frac{1}{N_k}$$

with the following replacement equation:

$$\Gamma_{ij} = \sum_{k=1}^{N-1} \frac{\partial \hat{M}_i}{\partial mes_k} \bullet \frac{\partial \hat{M}_j}{\partial mes_k} \bullet \frac{1}{N_k}$$

Please replace the paragraph following the above equation with:

The variance on the linear combination yielding final ~~M?~~$\hat{M}$ is expressed by the formula:

$f = (a_1, \ldots, a_{N-1}) \cdot \Gamma \cdot {}^t(a_1, \ldots, a_{N-1})$;

this quantity f attains an optimal value when its derivative according to all of the variables is null, that is, the noise's influence is minimized, i.e.,

$$\begin{cases} \partial f/\partial a_1 = 0 \\ \partial f/\partial a_2 = 0 \\ \cdots \\ \partial f/\partial a_{N-1} = 0 \end{cases}$$